Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

FILES

SECRET
NO FOREIGN DISSEM

[redacted]

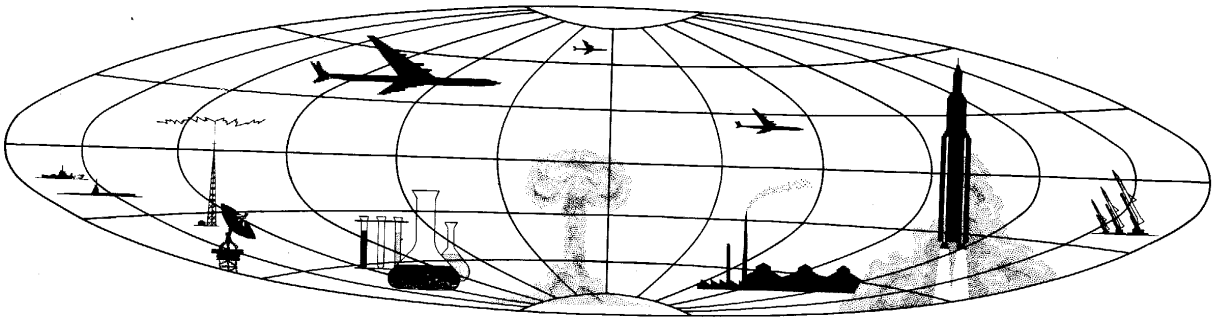
NPIC/R-1188/64
15 May 1964

RAIL ANALYSIS SURVEY
NORTH VIETNAM

VITAL RECORDS COPY

CIA DIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



SECRET
NO FOREIGN DISSEM

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

GROUP 1
Excluded from automatic downgrading and declassification

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 15, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

SECRET
NO FOREIGN DISSEM

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

RAIL ANALYSIS SURVEY
NORTH VIETNAM

IBM listings of the Rail Analysis Survey are prepared by NPIC for distribution on a periodic basis, based upon new mission inputs into NPIC.

This listing is cumulative from 6 April 1964 and consists of three parts in the following sequence:

Date of Information . . . . . Part I
Geographic Coordinates . . . . . Part II
Rail Line Number . . . . . Part III

All columns are labeled and are self-explanatory except for the rail line numbers which are explained in a separate key and are shown on a base map of North Vietnam. Both key and map are included in each publication.

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

SECRET
NO FOREIGN DISSEM

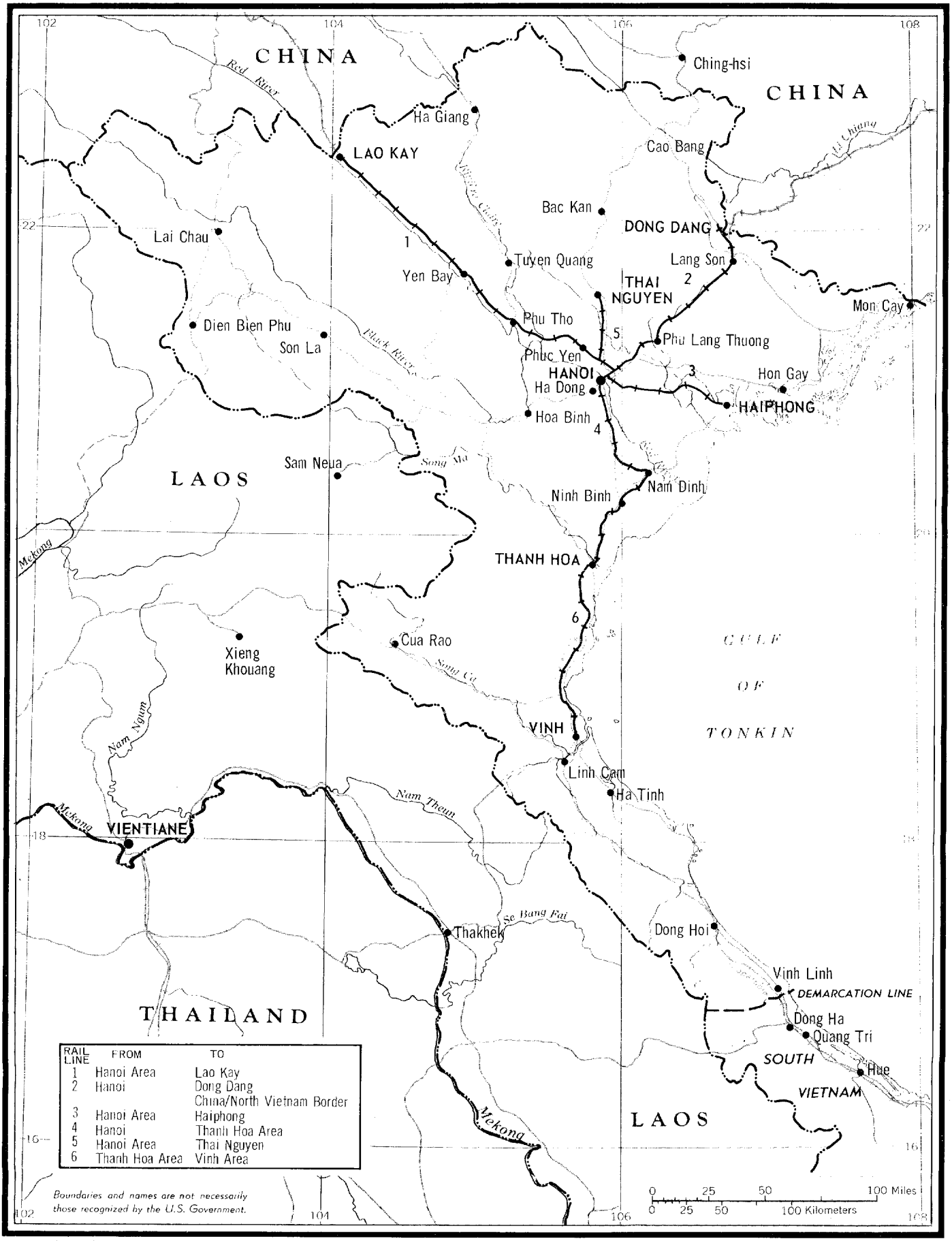
Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Rail Line Number	From	To	Maps	
			WAC	AMS L509 1:250,000
1	Hanoi Area 21-05N 105-55E (Junction with line 2)	Lao Kay 22-31N 103-59E	0616	NF 48-6 NF 48-10 NF 48-11
2	Hanoi 21-01N 105-51E (Junction with line 4)	Dong Dang 21-58N 106-42E (China/North Vietnam border)	0616	NF 48-11 NF 48-12
3	Hanoi Area 21-03N 105-53E (Junction with line 2)	Haiphong 20-52N 106-41E	0616	NF 48-11 NF 48-15 NF 48-16
4	Hanoi 21-01N 105-51E (Junction with line 2)	Thanh Hoa Area 19-50N 105-48E (railroad bridge)	0616 0617	NF 48-11 NF 48-15 NF 48-3
5	Hanoi Area 21-09N 105-51E (Junction with line 1)	Thai Nguyen 21-35N 105-51E	0616	NF 48-11
6	Thanh Hoa Area 19-50N 105-48E (railroad bridge)	Vinh Area 18-41N 105-40E	0617	NF 48-3 NF 48-7

KEY TO MAJOR RAIL LINES IN NORTH VIETNAM

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

SECRET
NO FOREIGN DISSEM
Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8



NPIC J-0089 (5/64)

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8
SECRET
NO FOREIGN DISSEM

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

PART I

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

25X1D

RAIL NR	SPD	DIR	COORDS LAT	COORDS LONG	NR ENGINES/CARS	TYPE	PCT COVR	LIM FTR	TIME	MISSION NR	DATE	CTY
ØØ1 M	UN	NW	2219N-	10411E	ØØØ2	CAR BOX	Ø75					VN
					ØØ25	CAR OPEN						
					ØØØ6	CAR TANK						
ØØ1 M	2Ø	NW	2229N-	10358E	ØØØ1	LOCO	Ø75					VN
					ØØØ6	CAR BOX						
					ØØØ1	CAR GONDOLA						
ØØ1 M	27	NW	2152N-	10442E	ØØØ1	LOCO	Ø75					VN
					ØØØ6	CAR BOX						
					ØØØ5	CAR OPEN						
					ØØØ1	CABOOSE						
ØØ1 M	3Ø	SE	2154N-	10440E	ØØØ1	LOCO	Ø75					VN
					ØØ15	CARS U/I						
ØØ1 S	UN	NW	2219N-	10411E	ØØØ1	LOCO	Ø75					VN
					ØØØ8	CAR BOX						
					ØØ16	CAR OPEN						
					ØØØ4	CAR TANK						
ØØ1 Y	ØØ	--	2229N-	10358E	ØØØ1	LOCO SWITCH	Ø75					VN
					ØØ16	CAR BOX						
					ØØ16	CAR GONDOLA						
					ØØØ3	CAR PASSENG						
ØØ1 Y	ØØ	--	2225N-	10401E	ØØØ2	LOCO	Ø75					VN
					ØØ54	CAR GONDOLA						
ØØ1 M	UN	NW	2219N-	10411E	ØØØ1	LOCO	Ø75					VN
UNN M	ØØ	P	1804N-	10549E	ØØØ4	CAR BOX						VN
UNN M	ØØ	P	1802N-	10552E	ØØØ3	CAR GONDOLA						VN
UNN M	ØØ	P	1759N-	10552E	ØØØ4	CAR GONDOLA						VN
ØØ6					NONE		Ø10					VN
ØØ6					NONE		ØØ5					VN

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

RAIL NR	SPD	DIR	COORDS LAT	COORDS LONG	NR ENGINES/CARS	TYPE	PCT COVR	LIM FTR	MISSION TIME	MISSION NR	MISSION DATE	CTY
004 S	00	P	2031N-	10655E	0010	CAR BOX	020	[redacted]				VN
004 S	00	P	2031N-	10555E	0002	CAR BOX POS	020					VN
004 Y	00	P	2015N-	10600E	0004	CAR BOX	020					VN
004 Y	00	P	2025N-	10612E	0004	CAR BOX	020					VN

25X1D

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

PART II

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

RAIL NR	SPD	DIR	COORDS LAT LONG	NR ENGINES/CARS	TYPE	PCT COVR	LIM FTR	MISSION TIME	NR	DATE	CTY
006				NONE		010					VN
006				NONE		005					VN
UNN M	02	P	1759N-10552E	0004	CAR GONDOLA						VN
UNN M	00	P	1802N-10552E	0003	CAR GONDOLA						VN
UNN M	00	P	1804N-10549E	0004	CAR BOX						VN
004 Y	00	P	2015N-10600E	0004	CAR BOX	020					VN
004 Y	00	P	2025N-10612E	0004	CAR BOX	020					VN
004 S	00	P	2031N-10555E	0002	CAR BOX POS	020					VN
004 S	00	P	2031N-10655E	0010	CAR BOX	020					VN
001 M	27	NW	2152N-10442E	0001 0006 0005 0001	LOCO CAR BOX CAR OPEN CABOOSE	075					VN
001 M	30	SE	2154N-10440E	0001 E015	LOCO CARS U/I	075					VN
001 M	UN	NW	2219N-10411E	0001 0002 0025 0006	LOCO CAR BOX CAR OPEN CAR TANK	075					VN
001 S	UN	NW	2219N-10411E	0001 0008 0016 0004	LOCO CAR BOX CAR OPEN CAR TANK	075					VN
001 Y	00	--	2225N-10401E	0002 0054	LOCO CAR GONDOLA	075					VN
001 M	20	NW	2229N-10358E	0001	LOCO	075					VN

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

PART III

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

26X1

RAIL NR	SPD	DIR	COORDS LAT LONG	NR ENGINES/CARS	TYPE	PCT COVR	LIM FTR	MISSION TIME	NR	DATE	CTY
UNN M	00	P	1804N-10549E	0004	CAR BOX						VN
UNN M	00	P	1802N-10552E	0003	CAR GONDOLA						VN
UNN M	00	P	1759N-10552E	0004	CAR GONDOLA						VN
001 M	UN	NW	2219N-10411E	0001	LOCO	075					VN
				0002	CAR BOX						
				0025	CAR OPEN						
				0006	CAR TANK						
001 M	20	NW	2229N-10358E	0001	LOCO	075					VN
				0006	CAR BOX						
				0001	CAR GONDOLA						
001 M	27	NW	2152N-10442E	0001	LOCO	075					VN
				0006	CAR BOX						
				0005	CAR OPEN						
				0001	CABOOSE						
001 M	30	SE	2154N-10440E	0001	LOCO	075					VN
				E015	CARS U/I						
001 S	UN	NW	2219N-10411E	0001	LOCO	075					VN
				0008	CAR BOX						
				0016	CAR OPEN						
				0004	CAR TANK						
001 Y	00	--	2229N-10358E	0001	LOCO SWITCH	075					VN
				0016	CAR BOX						
				0016	CAR GONDOLA						
				0003	CAR PASSENG						
001 Y	00	--	2225N-10401E	0002	LOCO	075					VN
				0054	CAR GONDOLA						
004 S	00	P	2031N-10655E	0010	CAR BOX	020					VN
004 S	00	P	2031N-10555E	0002	CAR BOX POS	020					VN

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

RAIL NR	SPD	DIR	COORDS LAT	COORDS LONG	NR ENGINES/CARS	TYPE	PCT COVR	LIM FTR	TIME	MISSION NR	MISSION DATE	CTY
004	Y	00	P	2015N-10600E	0004	CAR BOX	020	[redacted]				VN
004	Y	00	P	2025N-10612E	0004	CAR BOX	020					VN
006					NONE		010					VN
006					NONE		005					VN

25X1D

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8

SECRET
NO FOREIGN DISSEM

SECRET
NO FOREIGN DISSEM

Approved For Release 2000/04/17 : CIA-RDP78B04560A003200010023-8